

HOBBI^{CO}

R/C CATALOG



**High-quality, competitively priced
R/C products and accessories.**



WWW.HOBBI^{CO}.COM



HIGH-QUALITY R/C PRODUCTS AND ACCESSORIES

NexSTARTM

Ready-to-Fly .40 Trainer

Select

Understanding Airplane Weight

Weight specification for planes shown in this catalog should be interpreted as follows:

Gas/Glow Planes: Weight includes the model plus all on-board items needed for flight except fuel.

Electric Planes: Weight includes the model plus all on-board items needed for flight, including battery weight.

Absolutely the **BEST** way to learn to fly...guaranteed!

It's obvious: NexSTAR offers more for the first-time pilot than any other trainer.

The NexSTAR's many design innovations — including three features so unique, they're patented — make learning to fly so easy, Hobbico actually guarantees your success.

You'll be able to practice your piloting skills without risk or worry, even before you get to the flying field. And the ready-to-fly NexSTAR adds the convenience of being completely factory-assembled and fully equipped with the perfect engine and radio match.

Start right in R/C flight — with the NexSTAR Select RTF!

HCAA17**

Wingspan: 69 in (1745 mm)

Wing Area: 722 in² (46 dm²)

Weight: 6.5 lb (2930 g)

Wing Loading: 21 oz/ft² (63 g/dm²)

Length: 56 in (1420 mm)

NexSTAR Select RTF includes all this!

REAL FLIGHT
R/C SIMULATOR
NexSTAR EDITION

See www.hobbiconexstar.com for simulator system requirements. RealFlight Add-Ons and Expansion Packs are not compatible with the NexSTAR version of RealFlight.

With the included special NexSTAR Edition of the world's most popular R/C flight simulator, you can practice your flying skills at your Windows® PC — anytime, rain or shine, without traveling to the flying field or risking your plane.

- Comes on a single CD ROM — insert the disk and you're ready to fly!
- The included Futaba® 4-channel transmitter doubles as a controller, to give you the "real feel" of at-field flying.



Futaba®

4YBF 4-Channel FM Radio System

- High-quality equipment from the world leader in R/C radios!
- Ideal as a simulator controller and at-field transmitter — can be linked to an instructor's radio* for safe flight lessons.
- Included AFS (Active Flight Stabilization) system detects and corrects uneven flight, helping you stay in control automatically!

AFSTM
ACTIVE FLIGHT STABILIZATION



Factory-installed!

* Requires trainer cord (available separately).



46FXi™ Engine

- Designed for easy, effortless starts.
- No adjustments needed — comes factory-set for trouble-free performance.
- Includes a needle valve limiter to protect the engine from an over-leak fuel/air mix.



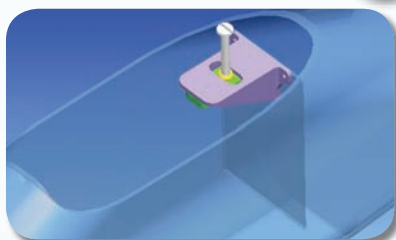
Factory-installed!

We're so confident that the NexSTAR is an effective way to learn to fly that we guarantee your success. All we require is that you train at an AMA-chartered club, with a qualified, club-designated instructor. Then, if you crash before successfully learning to fly, we'll repair your NexSTAR, or replace it with a Hobbico trainer of similar value...FREE! See the NexSTAR instruction manual for details.



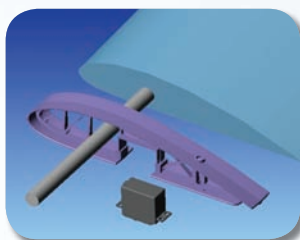


With the NexSTAR RTF, the design goal was simple: smooth over the "rough spots" of traditional trainers and replace them with the most thoughtful and revolutionary features ever assembled into a single trainer.



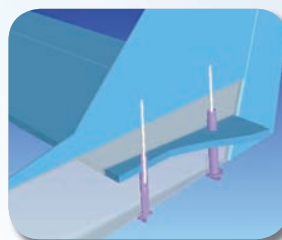
PivotFlex™ Wing Mounting

Most trainers' wings are attached with rubber bands, so they can pop off in a crash and prevent severe damage. Others are bolted on for speed and simplicity. The unique PivotFlex mounting system combines the advantages of both. A single nylon bolt provides quick, sure attachment, while a rubber retainer and pivoting channel allow the wing to escape the full force of serious mishaps.



CenterCore™ Main Wing Rib

The NexSTAR's wing halves are securely joined with a strong steel rod and perfectly aligned by the molded composite CenterCore rib. The rib also features a built-in mount for an aileron servo — simple and effective.



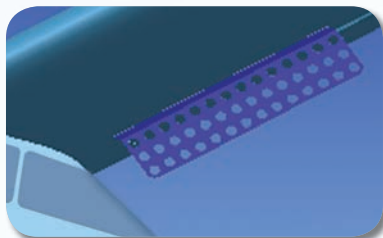
Easy Align™ Tail Mounting System

Mounting hardware in most trainers is "blind routed" and hard to assemble. But with the Easy Align system, a straight, strong tail is a given. Parts are automatically guided into place, so assembly requires less time and effort — and NO TOOLS.



SpinControl™ Airfoil Extensions

When flying speeds drop too low, lift is reduced and stalls are possible. SpinControl extensions continue providing lift even in a stall, which helps keep the wing level and you in control.



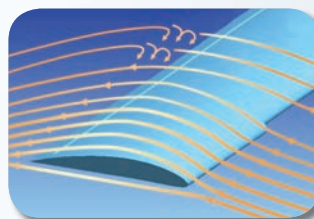
SpeedBrakes™ Training Flaps

Lower air speeds are good when you're learning or landing, because they increase stability. SpeedBrakes hold down air speed when they're on — but can also be removed to give the NexSTAR extra "zip" when you're ready.



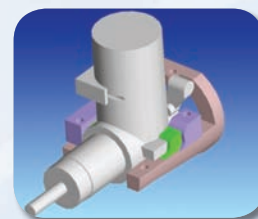
SnapGear™ Quick Landing Gear Mounts

SnapGear mounts provide the strongest landing gear in any R/C trainer... and install in just three seconds! They lock in place for reliability — but can be removed with ease.



NexSTAR Precision Airfoil

Instead of having the usual flat-bottom airfoil, the NexSTAR's wing has two airfoils. The combination improves efficiency and lift for greater stability at all speeds and especially during takeoffs and landings.



IsoSmooth™ Engine Mount

The IsoSmooth not only reduces engine noise, but isolates vibration that could damage the NexSTAR's airframe or radio gear. Open the box, and you'll find it pre-mounted, with the O.S. 46FXi already in place!

NexSTAR™ ARF

Almost-Ready-To-Fly Trainer

Enjoy all the advantages of the NexSTAR's innovative features and the freedom to choose your own engine and radio gear. You can save by "recycling" equipment you already own, or create a custom performance package with a new radio and engine. The possibilities are endless — and assembly time is only 3-5 hours!

HCAA2025
Wingspan: 69 in (1745 mm)
Wing Area: 722 in² (46 dm²)
Weight: 6.5 lb (2930 g)
Wing Loading: 21 oz/ft² (63 g/dm²)
Length: 56 in (1420 mm)
Requires: 4-channel radio w/4 servos & .46 engine





HIGH-QUALITY R/C PRODUCTS AND ACCESSORIES

The BEST materials + the BEST components = the Best Trainer!

Hobbico® SUPERSTAR™ 40 EX

Ready-to-Fly .40-size Trainer

INCLUDES:

- Futaba® 4-channel radio*
- O.S.® .40 engine*

* = factory-installed

If you're new to R/C, the SuperStar MkII RTF is a great place to start. You can be in the air in as little as 20 minutes, piloting a plane made from top-quality materials and components. The airframe is all-wood strong, factory-covered in colorful, rip-resistant MonoKote® film. The flight package includes the best equipment imaginable, made by some of the most respected manufacturers in R/C. It flies smooth and stable, even at the low speeds beginners prefer — and it's available in three different trim schemes.

HCAA60** — Blue/Red/Yellow
HCAA61** — Red/Blue/Chrome
HCAA62** — Yellow/Red/Orange
Wingspan: 60 in (1525 mm)
Wing Area: 660 in² (43 dm²)
Weight: 5.5 lb (2500 g)
Wing Loading: 19 oz/ft² (58 g/dm²)
Length: 50 in (1270 mm)



NO MODELING TOOLS REQUIRED!

- No painting
- No sanding
- No gluing
- No drilling

Futaba®

4YF Radio System

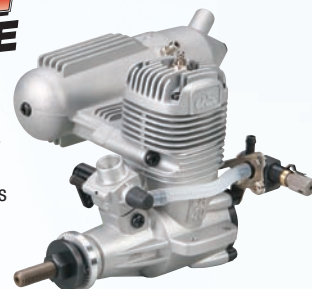
Simple, sturdy and lightweight, the 4YF is a system favored by newcomers and seasoned pilots alike. Add the optional trainer cord, and it's an excellent way to zip through the basics of flight. Charge up the included NiCds, and it's an easy way to keep the action going. Includes 4 servos, installed for your convenience.

THE
BEST
RADIO



THE
BEST
ENGINE

Easy to break in, easy to operate, easy to maintain — it's no wonder that the 40LA is easy to like, as well. It offers a remote high-speed needle valve for safety and adjustment ease, plus a full horse of sport power for carefree flying!



Expertly
Covered with
MONOKOTE®

THE
BEST
COVERING

Durable, lightweight and fuelproof, MonoKote film has been the #1 choice of modelers world-wide for over 38 years straight!



THE
BEST
CONSTRUCTION

All-Wood Construction

No brittle plastic or no-name hardware — the SuperStar MkII is built the way the pros build their own planes: with select woods, straight-as-a-string structures and dependable hardware.



SUPERSTAR™
Almost Ready-To-Fly .40-Size Trainer **ARF**

The covering, construction and flying ease are the equal of the Select RTF, and your options are even greater. With the ARF, you have the ability to add the engine and radio system you prefer, and still have your SuperStar airborne in as little as 15-20 hours.



HCAA2020
Wingspan: 60 in (1525 mm)
Wing Area: 660 in² (43 dm²)
Weight: 5.5 lb (2500 g)
Wing Loading: 19 oz/ft² (58 g/dm²)
Length: 50 in (1270 mm)
Requires: 4-channel radio w/4 servos
& a .35-.46 engine

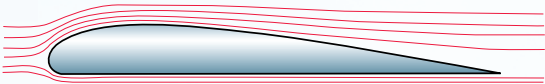
AVISTARTM

Ready-To-Fly R/C Advanced Trainer

Select



JUST FLY!
In only 20 minutes!



The Avistar Select's semi-symmetrical airfoil offers more agility than a basic trainer's flat-bottom wing, but its high-wing mounting maintains the predictable stability of a trainer. You'll ease into new flying challenges with confidence!



The remote needle valve for convenient adjustments and increased pilot safety is just one of the 40LA's many benefits. It also runs cool, holds settings securely and delivers incredible power.



Futaba[®]

The included 4VF radio is one of the best around, and the choice of many experienced aerobatic pilots. They'll be able to connect with the 4VF's trainer system to help you learn faster and with greater success. (Requires optional trainer cord.)



Aerobatics ahead...no waiting!

Step up from your basic trainer and start learning to fly thrilling aerobatics — today! The Avistar 40 Select RTF makes the transition smooth, fast and easy. It's factory-built...precovered with Top Flite[®] MonoKote[®] film...and fully equipped with the highest-quality components, including an O.S.[®] 40LA engine and Futaba[®] 4VF radio system. But if you'd like to choose your own engine and radio, the Avistar is also available in an ARF version that can be flight-ready in as little as 15-20 hours.

NO MODELING TOOLS REQUIRED!

• No painting • No sanding • No gluing • No drilling

HCAA16** — RTF

HCAA2016 — ARF

Wingspan: 59 in (1450 mm)

Wing Area: 602 in² (39 dm²)

Weight: 5 lb (2270 g)

Length: 48 in (1220 mm)

RTF Requires: glow fuel, support equipment

ARF Requires: 2-stroke .40 engine, 4-channel radio w/4 servos



Durable, lightweight, fuelproof and easily repairable, MonoKote is used by more modelers than any other film covering.

RTF INCLUDES:

- Futaba[®] 4-channel radio w/4 servos*
- O.S.[®] 2-stroke .40-size engine*
- Overnight charger



HIGH-QUALITY R/C PRODUCTS AND ACCESSORIES

HOBBISTAR 60™

Ready-To-Fly .60-Size Advanced Trainer

Select

Proof that bigger flies better!

INCLUDES:

- 6-channel radio w/4 BB servos*
- 2-stroke .65-size engine*

* = factory-installed

After just 20 minutes of final assembly, you can have the Hobbistar 60 Select RTF ready for takeoff — with slow-speed stability that builds confidence and impressive dimensions for easy visibility.

- Professionally covered in heat-shrink film
- Includes a generous package of quality hardware
- Futaba® 6-channel radio system has NiCds, trainer system, and 4 ball bearing servos
- O.S.® 65LA engine features a remote needle valve, muffler and glow plug



NO MODELING TOOLS REQUIRED!

- No painting
- No sanding
- No gluing
- No drilling

HCAA18**

Wingspan: 71 in (1805 mm)
Wing Area: 88 in² (57dm²)
Weight: 7.5-8.5 lb (3400-3855 g)
Wing Loading: 20-22 oz/ft² (61-67 g/dm²)
Length: 55 in (1400 mm)

HOBBISTAR 60™ MK III ARF

Almost-Ready-to-Fly .60-Size Advanced Trainer

With all major structures factory-assembled and covered, you can have the Hobbistar 60 MKIII ARF ready to fly in just 15-20 hours...using the engine and radio of your choice!



HCAA2125

Requires: 2-stroke .60 or 4-stroke
.90-.91 engine & 4-channel radio
w/4 servos

TWINSTAR™ ARF

Almost Ready-to-Fly .25-.40 Twin-Engine Trainer



HCAA2076

Wingspan: 56 in (1420 mm)
Wing Area: 567 in² (36.6 dm²)
Weight: 5.5-6.5 lb (2490-2940 g)
Wing Loading: 24 oz/ft² (73 g/dm²)
Length: 49.5 in (1260 mm)
Requires: 4-channel radio w/5 servos & two 2-stroke .20-.40 or two 4-stroke .26-.30 engines

The easy way to twin-engine thrills.

With the TwinStar ARF, you're just a few hours away from enjoying twice the flying fun of a single-engine model — even if you've never flown a twin before!

- Fuel tank, servo and engine on each wing simplifies installation — and prevents a single failure from affecting both engines
- Largely prebuilt and factory-covered, with a light, interlocking, all-wood airframe
- Nylon bolts make wing attachment and removal quick and easy



Both engines are balanced on the centerline, ensuring that the TwinStar will still be flyable even if one engine stops.

NexSTARTM EP Select

Ready-to-Fly Electric Trainer



JUST FLY!
in only 20 minutes!

The ultimate **electric** flight training machine.

In flying, confidence and success go hand-in-hand — and the NexSTAR EP Select inspires more confidence than any other electric trainer.

It shares proven innovations for easy assembly and flight with the glow-powered NexSTAR (see pages 2-3): SnapGearTM landing gear, PivotFlexTM wing mounting, SpeedBrakesTM training flaps, SpinControlTM airfoil extensions and more.

And the included accessories reinforce your success with the finest equipment and most advanced technology available today!

HCAA09**

Wingspan: 68.5 in (1740 mm)

Wing Area: 722 in² (46.6 dm²)

Weight: 7-8.5 lb (3175-3855 g)

Wing Loading: 22-27 oz/ft² (68-83 g/dm²)

Length: 56 in (1410 mm)

Requires: Two 9.6V, 3600mAh NiMH batteries & peak charger

NexSTAR EP Select RTF includes all this!

REAL FLIGHT
R/C SIMULATOR
NexSTAR EDITION

With the included special NexSTAR Edition of the world's most popular R/C flight simulator, you can practice your flying skills at your Windows[®] PC — without risking your plane.

- The included Futaba[®] 6-channel transmitter doubles as a controller to give you the “real feel” of flying.

See www.hobbiconexstar.com for simulator system requirements.
RealFlight Add-Ons are not compatible with the NexSTAR version of RealFlight.



Futaba[®]

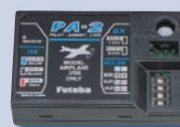
6EXA 6-Channel FM Computer Radio System

- Includes 6-channel control and 10-model memory, so it can “grow” with you as you progress to more advanced flying.
- Trainer system links to an instructor's radio with only a trainer cord.

Trainer cord (available separately) required for trainer system use.



The factory-installed Pilot Assist Link automatically detects and corrects any change from flat, level flight. All you have to do is release the sticks!



**FACTORY
INSTALLED!**

ElectriFlyTM
by Great Planes

42-50-800 Out-Runner Brushless Motor with Brushless ESC

RIMFIRE

- Brushless power matched to precision control!
- Outlasts and outperforms brushed motors — requires no adjustment or break-in.
- Capable of subtle throttle changes — or unleashing all-out power — in an instant.



**FACTORY
INSTALLED!**





THE ELECTRIC TRAINER WITH GOOD-AS-GLOW PERFORMANCE!

ELECTRISTARTM *Select*

Ready-to-Fly Electric Trainer

INCLUDES:

- Futaba® 4-channel computer radio*
- 42 mm out-runner brushless motor*
- ElectriFly™ 45A Dual ESC*

* = factory-installed

Why settle for a heavy, glow-to-electric conversion? Step up the ElectriStar, the trainer *designed* for electric power. Its high-efficiency brushless power system is a match for mid-size glow engine power. And since it's factory-built from lightweight, interlocking wood parts, it's more than a match for the use and abuse first-time pilots sometimes hand out. Premium-quality equipment, easy flying and flight times that can stretch up to 8 minutes make it a great trainer for the here and now and the future.

HCAA12**

Wingspan: 63 in (1600 mm)

Wing Area: 709 in² (45.7 dm²)

Weight: 6-6.5 lb (2720-2950 g)

Wing Loading: 19-21 oz/ft² (59-64 g/dm²)

Length: 53 in (1345 mm)

Requires: two 8.4V, 3000mAh NiMH batteries & charger



**YOU CAN BE AIRBORNE
IN AN HOUR — OR LESS!**

Futaba®

4EXA 4-Channel FM Computer System

With the 4EXA, you have the perfect radio for the ElectriStar today — and a system that you can use with your second, third and fourth airplanes in the future. More performance features give it an edge over other sport systems — simple programming and 4-model memory help you make maximum use of every one for better flying.



45A Dual ESC

Transforms the output of twin batteries into surprising power, instant response and smooth, pinpoint control. High-frequency design keeps temperatures down and performance up. Deans® Ultra® Plug connectors ensure the most performance and flight time from every last bit of battery power.



C-42 Out-runner Brushless Motor

Brushless may be the ultimate power source for flight. A motor never needs re-tuning; you just turn it on and fly. It requires virtually no maintenance, so you spend more time flying. And it delivers the performance glow motors and twice the efficiency of brushed motors, without the gear drives, mess and maintenance of either one.



UPSTAR™

Almost-Ready-to-Fly Electric Powered Sailplane



INCLUDES:

- Motor
- Electronic speed control
- Battery
- Folding propeller

An easy way to reach for the sky!

Relax...the UpStar's easy, 3-4 hour assembly and built-in stability make chasing thermals a breeze! A built-up balsa wing and tail, precovered in heat-shrink film, keep weight to a minimum. The durable, blow-molded fuselage can withstand less-than-perfect landings, and dihedral in the wing helps level the model after a turn. A simple hand-launch sends the UpStar ARF aloft, whereupon the included 540 motor takes over. Also included: a performance-matched ESC, 9.6V NiMH battery and folding prop.



The built-up balsa tail bolts into place for quick assembly, and is easy to remove if required.



The UpStar ARF features a spacious radio compartment, and will readily accept economical standard servos.

HCAA2210

Wingspan: 68 in (1725 mm)

Wing Area: 462 in² (30 dm²)

Weight: 2.75 lb (1250 g)

Wing Loading: 14 oz/ft² (42 g/dm²)

Length: 44.5 in (1130 mm)

Requires: 3-channel radio w/2 standard servos, charger

HOBBIKO® SUPERSTAR EP Select™

Ready-to-Fly Electric R/C Trainer with Ailerons



JUST FLY!
in only 20 minutes!

HCAA13** — RTF

HCAA2051 — ARF

Wingspan: 48.75 in (1240 mm)

Wing Area: 402 in² (26 dm²)

Weight: 3.1 lb (1400 g)

Wing Loading: 18 oz/ft² (55 g/dm²)

RTF Requires: charger

ARF Requires: 3-channel radio w/2 servos and charger

RTF INCLUDES:

- Futaba® 4-channel radio*
- Electronic speed control*
- Motor*
- Battery
- Composite propeller*

* = factory-installed

Enjoy clean, quiet flight — the first time out!

It's the fast track to flying — with the advantages of electric power! Nearly all of the assembly work is done for you, and this trainer comes with the bonus of ailerons and a 4-channel radio for realistic 3-axis control. But even if you have no previous R/C experience, you'll have the SuperStar EP Select RTF in the air in no time — and the ARF version lets you choose your own radio and charger, with just 3-5 hours of final assembly!

NO MODELING TOOLS REQUIRED!

- No painting
- No sanding
- No gluing
- No drilling



A high-quality Futaba radio delivers easy, confident control.

INSTRUCTIONAL VIDEO INCLUDED!



A flat-bottom airfoil supplies excellent lift at very slow speeds, which keeps the model stable and easy to fly!



HIGH-QUALITY R/C PRODUCTS AND ACCESSORIES

ULTRA-TOTE™

Holds everything you need for a full day of flying!

- Available prebuilt or as an easy-to-build kit, with or without cradles.

Ultra-Tote and **Ultra-Tote Basic** kits assemble mainly from 3/8" and 1/4" (9.5 and 6.5 mm)-thick ply panels (decals and paint not included). **Ultra-Tote ARH** comes 90% prebuilt, totally painted in your choice of four colors and Almost Ready to Haul! All three have a ventilated 12V battery compartment; universal power panel slot; 1-gallon can or bottle fuel caddy; and roomy drawer. All except Basic include adjustable, foam-padded cradles. **Field Box Cradle Assembly** also sold separately.

HCAP5015	Ultra-Tote Basic
HCAP5020	Ultra-Tote Kit
HCAP5025	Ultra-Tote ARH-Yellow
HCAP5026	Ultra-Tote ARH-Blue
HCAP5027	Ultra-Tote ARH-Red
HCAP5028	Ultra-Tote ARH-White
HCAP5018	Ultra-Tote Field Box Cradle Assembly

Dimensions: (Length/Depth/Height)
 Ultra-Tote & Ultra-Tote ARH (cradles included)
 L/D/H: 19 x 8 x 17 in (480 x 205 x 430 mm)
 Ultra-Tote Basic (cradles not included)
 L/D/H: 19 x 8 x 13 in (480 x 205 x 330 mm)



Accessories shown in Ultra-Tote not included.



Ultra-Tote Basic Combo

Includes Ultra-Tote plus Hobbico's Deluxe Power Panel; TorqMaster 90 Starter; Locking Glow Plug Clip w/banana plugs; TorqMaster LC 12V Battery & 12V Charger. **HCAP5100**



Ultra-Tote Complete Combo

Includes Ultra-Tote and Basic Combo items, plus Hobbico's Top Fueler MKIII electric fuel pump; Recoil Fuel Tubing; and Great Planes® Filling Station™ fuel can fittings set. **HCAP5105**



Field Pack Deluxe

Buying a glow-powered ARF or RTF trainer? With plane, engine, radio, fuel and this Field Pack, you're fully equipped to fly! Includes one each of: Hobbico's Hot-Shot Glo-Starter 2; Hand-Crank Fuel Pump; 4-Way Wrench; Safety Stick engine starter and Recoil Fuel Tubing; Great Planes Filling Station fuel can fittings set and Top Flite® Power Point® 10x6 Propeller; O.S.® #A3 Glow Plug; and heavy-duty cardboard field tote. **HCAP5115**

TORQMASTER™

12V Electric Starters

Solidly built and affordably priced, TorqMaster 12V electric starters supply years of quick engine starts. Both the **90 Deluxe** (for up to .90 engines) and the 25% more powerful **180 Heavy-Duty** (for engines as large as 1.80) include an easy-press power switch; soldered copper contacts; turned aluminum starter cone; double-wound motor; pre-trued, extra-thick carbon brushes; and self-recoiling 5' (1.5m) DC input cord. Spinners and hubs over 3" (75 mm) in diameter require the **Jumbo Drive Cone** and **Jumbo Rubber Insert**

HCAP3200	TorqMaster 90 Deluxe Starter w/Alligator Clips
HCAP3205	TorqMaster 90 Deluxe Panel-Ready Starter w/Banana Plugs
HCAP3300	TorqMaster 180 Heavy-Duty Starter w/Alligator Clips
HCAP3305	TorqMaster 180 Heavy-Duty Panel-Ready Starter w/Banana Plugs
HCAP3310	TorqMaster 90/180 Starter Drive Cone
HCAP3315	TorqMaster Airplane Rubber Insert
HCAP3320	TorqMaster Car Rubber Adapter
HCAP3325	TorqMaster Jumbo Drive Cone
HCAP3330	TorqMaster Jumbo Rubber Insert

A fistful of fast engine starting power.



GLOW FIELD ACCESSORIES

Hand-Crank Fuel Pump

- For fast, affordable fill-ups!

Uniquely geared for efficient operation, this pump delivers over 1/4 ounce (7 ml) of glow fuel with every turn of the handle, and fills and drains with equal ease. Exceptionally smooth gear mesh ensures years of trouble-free use. A high-quality pump mechanism minimizes leakage. Ergonomically shaped and easy to use, whether held in the hand or mounted with the included screws. Fuel tubing included.



HCAP3015
For glow fuel only.

1.5V Glow Plug Battery

Plentiful power in a pint-sized package! Ideal for use with inexpensive glow plug clips, the Glow Plug Battery features super-sized screw caps for good grips and solid connections. And it's so compact that it's easy to store in a flight box and pull out for fast, sure starts on the line. Dimensions H x W x D: 4.3 x 3.6 x 3.6 in (108 x 92 x 92 mm)



HCAP0700

Recoil Fuel Tubing

This flexible, durable tubing stretches to 5' (1.52 m) for safe, easy fueling — then recoils to 10" (255 mm) for simple, out-of-the-way storage. What's more, the same tough vinyl construction that enables it to stretch and shrink also helps it resist damage and stay flexible over time. Compatible with glow and gasoline fuels.



HCAP2200

Twist-and-Lock Glow Plug Clips

It's a super-affordable standard for starting up and a fast, sure way to get a good grip on 2- or 4-stroke plugs. The chrome-plated, 3" (76 mm) socket provides extra reach for closed cowls and deep heads. The Twist-and-Lock connector goes on with a quick turn of the wrist and locks down with a grip even vibration can't break. Available with color-coded alligator clips or banana plugs soldered in place on 26" (660 mm) leads.



HCAP2503

HCAP2502 Panel-Ready Twist-and-Lock Clip
HCAP2503 Twist-and-Lock Clip



Safety Stick™

Safer than using fingers, less expensive than electric starters, Safety Stick is ideal for protecting props and fingers. The fuelproof, contoured wooden handle provides a firm grip for the hand; the rubber-coated tip provides good grip and damage protection for the prop.



HCAP3335

4-Way Wrench

Tighten or loosen glow plugs, prop nuts and more the quick and easy way with this handy pocket-sized tool! It's chrome-plated, features a longer arm for extended reach and includes storage for up to 4 plugs. Works with standard and metric hardware — 3/8" (10 mm); 1/2" (12.7 mm); 5/16" (8 mm) and 7/16" (9 mm).



HCAP2550

After Run Oil

Taking a few seconds to use After Run can help add hours to your engine's life and minimize maintenance time for you. Adding a drop or two after use — or before winter storage — not only promotes easier starts; it prevents the build-up of varnish and gum and protects vital parts against rust and corrosion. 2 fl. oz. (59 ml) bottle.



HCAP3000



Exhaust Deflectors

The fast, easy way to protect your plane's finish and minimize future clean-up. Made of heat-resistant silicone, exhaust deflectors feature an angled bend that directs exhaust residue out and away from paint and covering. They're easy to install, too: just attach to exhaust pipe with the included tie wraps.



HCAP2150 for .20-.34 (3.5-5.5 cc) Engines
HCAP2175 for .35-.90 (5.5-15 cc) Engines
HCAP2180 for .60-2.7 (8-44 cc) Engines





PowerCore™ MKII 12V Starter Power Pack

- Electric starts with cordless convenience!

Enjoy the ease of electric starting without clips, cords or clutter! Adjustable brackets and optional straps make the **PowerCore MkII 12V Starter Power Pack** an easy fit for almost any starter. A fuelproof, fiber-reinforced plastic case features a built-in charging jack for the 12V, 1.2Ah gel cell battery inside. Turn on your starter, and you have the torque to start a 1.20 4-stroke and the capacity for dozens of starts before recharging. Recharges overnight with the **PowerCore AC Charger** and other 120mAh AC overnight wall chargers. Charger available separately.



HCAP0901

Power Pack dimensions: 5.6 x 3.6 x 2.2 in (140 x 90 x 55 mm)

HCAP0901 12V Starter Power Pack

HCAP0210 AC Charger w/LED



Top Fueler™ MkIII 6V/12V Electric Fuel Pump

- Fills/drains a 12-oz. tank in 60 seconds flat!

Connect it to a 12V battery, and the Top Fueler's rugged, gear-driven pump and powerful motor can deliver/drain 1 fl. oz. (29 ml) of fuel every 4 seconds! Its compact, composite case features mounting lugs and O-ring seals, plus a recessed area to protect the Fill/Off/Drain switch from accidental activation. Includes filler nozzle, filtered fuel pick-up and 18" (460 mm) leads. Available with alligator clips or with banana plugs for power-panel use. **For glow fuel only.** Battery required.



HCAP2105

Dimensions: 4.0 x 1.2 x 1.3 in (102 x 54 x 32 mm)

HCAP3105 with Alligator Clips

HCAP3107 with Banana Plugs

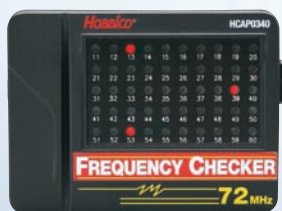


Hobbico® 72MHz Radio Frequency Checker

Is someone using *your* frequency? Turn on the **Frequency Checker**, and you'll know in 15 seconds or less. It automatically scans all 50 frequencies, showing in-use frequencies with glowing red LEDs and continues to scan until you turn it off. About the size of a credit card, it's easy to take along in a pocket or pit box, but can detect in-use frequencies at up to 300 feet (91 m) away. Add the **Antenna** (HCAP0341, available separately) and you can triple its range (and your safety margin) to 1000 feet (305 m)! Requires 3 "AAA" alkaline cells.

Dimensions: 3.1 x 0.94 x 2.4 in (80 x 24 x 60 mm)

Weight: 2 oz (57 g)



HCAP0340

Hot-Shot™ 2 Glo-Starters

- Grip with the strength of the proven Twist-and-Lock head!

They go on with a twist and keep glow heat coming until you release them with another twist! The Twist-and-Lock head holds tight to standard and 4-stroke plugs alike. An included vinyl cap protects it against shorting and fouling when it's in your field box. The 2.3" (57 mm) **Standard** and 3.8" (95 mm) **Long** boast a 1500mAh Sanyo® NiCd power. The **Super** has a standard 2.3" shaft, but a huge, 5000mAh NiCd — enough power for a full day of R/C. All include a 110VAC wall charger for overnight recharging and non-stop fun!

HCAP2520 1500 mAh Standard w/Charger

HCAP2522 1500 mAh Long w/Charger

HCAP2528 5000mAh Super w/Charger



HCAP2520

HCAP2528

HCAP2522

TorqMaster™ 12V Batteries

Both of these batteries are sealed, spill-resistant and maintenance-free, and one is sure to be just right for your field box needs. The full-size **LC** has a 7Ah capacity — big enough for full-size field boxes and a wide range of equipment needs. The 4.5Ah **Mini** is 30% lighter and smaller, designed for easier carrying and smaller field boxes. Both can be recharged overnight with the **12V Battery Charger** (HCAP0200), sold separately.

LC Dimensions: 5.9 x 3.8 x 2.5 in (150 x 97 x 64 mm)

Weight: 5.3 lb (2400 g)

Mini Dimensions: 3.5 x 2.8 x 4 in (89 x 70 x 102 mm)

Weight: 3.6 lb (1630 g)



HCAP0800



HCAP0855



Expanded Scale Voltmeter MkII

- Small in size — BIG in versatility.

Despite its compact size, the MkII can measure 4-, 5- and 8-cell radio packs — and utilizes green and red zones to indicate safe or low voltage levels measured against real-world loads of 225-275mA. No battery is required, and it uses the same plugs and leads for charging radio batteries.

Dimensions: 2.9 x 3.8 x 1.3 in (73 x 95 x 32 mm)



HCAP0351

Digital Voltmeter MkIII

With the load on, the MkIII offers precise, real-life readings of 4-, 5- and 8-cell radio packs. With the load off, it can read true DC voltages up to 19.99V. "OK" and "RECHARGE" messages simplify charging decisions; low power and reverse polarity icons alert to potentially damaging hook-up problems. Unit shuts off automatically after 10 minutes to conserve the included 9V battery's power.



HCAP0356

LCD Digital Mini-Tach

- Smarter, safer and more accurate

From up to 12" away the Mini-Tach delivers readings accurate to the nearest 10 rpm — with a range of 0-32,000 rpm — for 2- and 3-blade props. The big, 1/2" high LCD screen is visible even in direct sunlight, and after 5 minutes of inactivity the Mini-Tach turns itself off to conserve power for the two included "AAA" batteries.

Dimensions: 4.5 x 2.8 x 1.0 in (115 x 70 x 25 mm)



HCAP0401

Air Alert™ Flight Pack Monitor

- A "sound" solution to low voltage and lost aircraft!

A must-have for the prudent pilot, Air Alert provides separate sound cues for each of three common flight problems. It can: 1) alert you to low Rx pack voltage or signal problems; 2) remind you that the Tx is "ON" or that the Rx is "OFF"; and 3) serve as a homing beacon if your plane goes down. Foam cushioning protects the sensitive electronics inside, and the ultra-light Air Alert can be mounted inside or outside the fuselage. Includes mounting tape and universal connector.

Dimensions: 1.4 x 0.9 x 0.6 in (35 x 22 x 14 mm)

Weight: 0.35 oz (10 g)

For use with 4.8V receiver packs



HCAP0335

VoltWatch2™ On-Board Battery Monitor & VoltWatch™ 12V Field Power Monitor

- Compact monitoring at a glance!

The **VoltWatch2** is the effective, versatile accessory for alerting you to low receiver voltage! It mounts easily on the outside of the fuselage, draws very little current (4-34mA), and comes with a universal connector. After selecting 4.8V or 6V power, one of 7 LEDs indicates accurate voltage levels at a glance. The **VoltWatch 12V Field Power Monitor** works the same way with field batteries. It features one-button operation, with three colors of LEDs that clearly show voltage range from 11.0 to 13.0V, and is small enough to be mounted anywhere.

HCAP0332 VoltWatch2 On-Board Battery Monitor

HCAP0331 VoltWatch 12V Field Power Monitor



HCAP332



HCAP0331

12V DC Power Supply

The same charger you use at the track can also be used at home! Plug it into any 110V AC outlet, and the Power Supply will transform it into a steady flow of 13.8V DC power. The main tap delivers up to 11.5A of current for peak chargers. An auxiliary 5V tap provides a maximum of 3A — ideal for modified comm lathes. Fuse-protected, with a lighted ON/OFF switch, banana jacks and 5' power cord.

Dimensions: 9.3 x 4.4 x 2.0 in (235 x 110 x 50 mm)



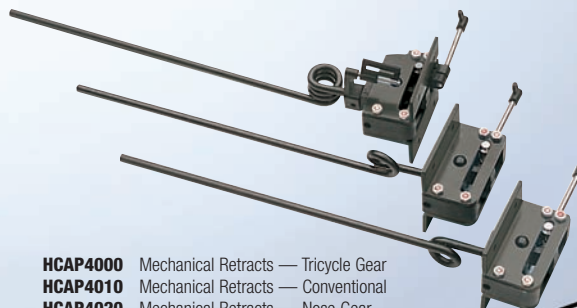
HCAP0250

Mechanical Retracts

- Solid support for .40-.60 size planes

Barely 1" high, these low-profile retracts are ideal even for wings with thin airfoils. They're made of tough nylon and metal, with hard-anodized side frames, independent up-and-down lock mechanisms for adjustment ease and strong, 5/32" wire that's ready to use, with a flat spot already ground in. The simple, straightforward design features only two moving parts, which keeps friction and wear to a minimum. Axles, wheels and collars required.

HCAP4000 Mechanical Retracts — Tricycle Gear
HCAP4010 Mechanical Retracts — Conventional
HCAP4020 Mechanical Retracts — Nose Gear





HIGH-QUALITY R/C PRODUCTS AND ACCESSORIES

PRO SERIES

Accu-Cycle™
PRO SERIES



Charger, Conditioner & Analyzer for R/C System Batteries

Accu-Cycle™
PRO SERIES *Elite*



HCAP0280

NiMH™
Cd
& lithiums, too!

Accu-Cycles: The best ways to get the MOST out of your radio batteries.

Why own a cycler? Because you can condition good packs for longer life and maximum capacity and identify bad packs before they can become problems.

Accu-Cycle — offers the basic benefits and features of cycling, with the “set and forget” ease of a 15-hour timed charge, NiCd and NiMH compatibility and the ability to pull up pack capacity or discharge time at your option.

Accu-Cycle Elite — offers unprecedented cycling versatility and ease of use with:

- 50-2000mA charge and discharge rates for 1-10 NiCd or NiMH cells and 1-3 cell Lilon and LiPo cells
- Auto Smart Set which automatically calculates charge rate, trickle rate, discharge voltage cut-off and safety time-out duration when you enter the battery type, voltage and capacity
- AC/DC versatility
- Simplified flow charts for easy programming
- Memory for 10 custom battery set-ups
- A 2-line, 16-character LCD and expanded text messages
- The ability to program 1-5 cycles — and recall data for all cycles
- Battery temperature monitoring*

* with optional sensor (HCAP0281).
Both require banana plugs, leads and connectors

Charger Leads & Banana Plugs

- HCAP0101** Futaba J Tx/Rx Charge Plug—No 9VAP
- HCAP0102** Futaba J Tx/Rx Charge Plug—9VAP only
- HCAP0104** AIR Tx/Rx Charge Plugs (2)
- HCAP0105** JR Tx/Rx Charge Plugs (2)
- HCAP0106** Hitec Tx/Rx Charge Plugs (2)
- HCAP0107** Charge Lead, Glow Starter—All
- HCAP0108** Charge Lead w/Alligator Clips
- HCAP0109** Voltmeter Test Probes (2)
- HCAP0110** Charge Leads 9V Tx/Fut J Rx
- HCAP0310** Banana Plugs—3 pairs
- HCAP0320** Heavy-Duty Banana Plugs—2 pairs

All of the above leads are ready for use with the Accu-Cycle, Accu-Cycle Elite, and Quick Field Charger MKII.

Features

	Accu-Cycle	Accu-Cycle Elite
Input	110V 60Hz AC	11-14.5V DC, 110V AC
# of Rx Cells	1,4,5 NiCd/NiMH	1-10 NiCd/NiMH, 1-3 LiPo/Lilon
# of Tx Cells	6,7,8 NiCd/NiMH	1-10 NiCd/NiMH, 1-3 LiPo/Lilon
Display Type	2x4 LCD	2x16 LCD
Main Controls	push-buttons & slide switches	membrane touchpad
Programmable Battery Memory	No	10 memories
Audible Setup/Status Tones	No	Yes
Battery Capacity Range (mAh)	350-1800	50-5000
Rx and Tx Charge Termination (independent)	dual 15-hour timers	peak detection (NiCd/ NiMH); cc/cv (LiPo/Lilon)
Rx Fast Charge Rates (mA)*	25, 50 & 125	50-2000
Tx Fast Charge Rates (mA)*	50 & 125	50-2000
Peak Sensitivity Adjustment (mV)	No	5-15
Rx and Tx Discharge Rates (mA)	250 & 500	50-2000
Discharge Voltage Cutoff (V/cell)*	1.05	0.8-1.2(NiCd/NiMH) 3.0 (LiPo/Lilon)
Cycle Count	1	1-5 (NiCd/NiMH only)
Battery Temp Monitoring Option	No	Yes, with optional sensor — (HCAP0281)
Battery Temperature Range	n/a	60°-130°F (15°-54°C)
Internal Overheat Protection	No	Yes

* = automatically calculated by the Auto Smart Set



ELECTRONICS

MicroPanel Plus™ PRO SERIES

Compact — but packed with features.

- Features a built-in glow igniter charge lug with LED indicator — ideal for charging NiCd or NiMH engine glow starters at 300-400mA
- Delivers the power and convenience of larger units, while eliminating rarely used functions for low cost
- Includes two sets of color-coded banana jacks: One to supply 12V power to an electric starter or fuel pump and another to deliver adjustable heat for a 1.2V glow plug clip



Dimensions: 3.3 x 1.8 x 0.75 in (84 x 46 x 19 mm)
Weight: 2.3 oz (65 g)

Accu-Glo™ mk II PRO SERIES Power Panel With Advanced Circuitry

More convenience and easier control.

The Accu-Glo MKII has many unique features — making it one of today's best buys in field equipment.

- Built-in 300-400mA glow igniter charger with LED
- Green and red LEDs that indicate glow heat status and another set that show glow plug continuity
- Bank of 4 colored LEDs to provide an accurate reading of field battery voltage levels
- Simple adjustment that automatically maintains proper glow heat, regardless of the plug's condition



CE HCAP0306

Input Voltage:	11-13V DC
Input Voltage Indicators:	Four LEDs
Starter Jacks-Output Voltage:	12V DC
Fuel Pump Controls:	Yellow "FILL" push-button Red "EMPTY" push-button
Glow Heat Power Circuit:	Automatic heat adjustment
Glow Heat Status Indicators:	Green LED = "HOT" Red LED = "COLD"
Glow Heat Continuity Indicators:	Green LED = "GOOD" plug Red LED = "BAD" plug
Glow Starter Charger Current:	300-400mA constant current (not timed)
Case Size:	6.0 x 3.7 in (152 x 94 mm)
Weight:	8.3 oz (235 g)

Dual Peak™ DC Peak Charger PRO SERIES

DC Peak charger performance...with doubled output!

- Fully automatic — perfect for cars, boats and airplanes
- Twin 5A circuits independently charge two batteries at once
- Automatic 350mA trickle charge "tops off" batteries safely
- Input voltage range (11-14V) lets you charge from a 12V battery, a car or a 12V power supply
- Input/output reverse polarity and fuse overload protection, 54-minute timer and automatic built-in cooling fan
- Two sets of charge leads with gold-plated banana and Deans® Ultra® plugs



HCAP0255

Quick Field Charger mkII™ PRO SERIES

More flexibility and flight line convenience!

- Charges 1-3 cell Lilon or LiPo packs and peaks 1-8 cell NiCd or NiMH cells — on either side.
- Handles transmitter or receiver packs, single-cell glow igniters, even park flyer batteries — and can do two at once
- Delivers 0.2A-2.0A of adjustable linear charge current on each port
- Tri-color LEDs and sound cues ease set-up and operation
- Built-in voltmeter jacks are provided on each port



CE HCAP0290

SPECIFICATIONS:

Input Voltage: 10-15V DC

Battery Types (each port): nickel-cadmium (NiCd), nickel-metal hydride (NiMH), lithium-ion (Lilon) or lithium-polymer (LiPo)

Number of Cells (each port): 1-8 NiCd or NiMH, 1-3 Lilon/LiPo

Fast Charge Current (each port): 0.2A-2.0A linear (1A max. Lilon/LiPo)

Fast Charge Termination (each port): peak detection for NiCd and NiMH, constant current/constant voltage for Lilon/LiPo

Trickle Charge Current (each port): 0, 50, 85 and 100mA for NiCd and NiMH, no trickle charge for Lilon/LiPo

Output Connectors: banana jacks

Fuse: 7.5A spade (auto)

Case Size: 6.25 x 4.0 x 1.5 in (159 x 102 x 38 mm)

Weight: 12.0 oz (342 g)



Low on juice? Let Hobbico charge you up!

**Great chargers for
R/C cars, boats and radios!**

QuickPeak™ DC Peak Charger

Peak charge 500-600mAh NiCd radio packs in as little as 40-50 minutes! Starts charging automatically when a 4- or 8-cell pack is connected, and switches to automatic trickle charging when peak is reached. Shuts off independently if peak is not reached after 90 minutes of fast charging. Includes status LEDs and two sets of banana plugs.



HCAM3005

R/C Multi-Charger

Charge up to 4 NiCd or NiMH batteries at once with a single AC source. Ideal for glow starters; receiver/transmitter packs and more! Fuse-protected, with easy-to-read LEDs.



HCAP0100

850 AC/DC Auto-Charger

Fast charge 6-cell, 7.2V NiCd or NiMH sub-C batteries in just 30 minutes with the incredible 850! Hooking up a pack starts fast charging and a 30-minute electronic timer. Once charge time is up, the green LED glows to indicate that trickle-charging has started. Features short-circuit protection. Compatible with 110V AC or 12V DC power sources. Includes input cords and output cord with standard connector and Kyosho adapter.



HCAP0123

All 900 Series chargers feature:

- An efficient, high-output transformer with low-temperature operation
- Compatibility with 6-7 cell NiCd and NiMH sub-C batteries
- Fused overload and reverse polarity protection
- Dependable 15-minute timer
- Top and bottom cooling vents prevent overheating
- 5.5' AC and 3' DC input cords
- 2' output cord w/standard connector and Kyosho® adapter

900 AC/DC Auto Charger

The best basic charger around! Perfect for NiCd and NiMH sub-C packs, with a 15-minute timer; automatic trickle charging and LED indicators.



HCAP0125

905 AC/DC Multi-Charger

Keeps your NiCd and NiMH sub-C packs fully charged! Just hook up your pack and set the timer for 15 minutes. Switches to automatic trickle charging when the timer reaches zero. Includes charge and discharge functions; current meter; 6-7 cell selector switch; 18" charge cord w/universal connector; alligator clips; and 1A fuse protection.



HCAP0150

910 AC/DC Variable Rate Charger

The 910 has all the power of the 905, but adds extra features such as current adjustability and a side-mounted boost switch.



HCAP0175

	Stock #	Cells	Capacity (mAh)	Charge Rate	Trickle Charge Rate (mA)	Voltmeter	Ammeter	Discharger	Warranty	Dimensions
R/C Multi-Charger	HCAP0100	1-10	100-5000	10, 25, 50, 100mA	10-25	N	N	N	5 years	6.3 x 4.8 x 1.3 in (160 x 122 x 33 mm)
QuickPeak DC Peak Charger	HCAM3005	4 or 8	500-1000	800mA	70	N	N	Y	2 years	5 x 3.5 x 2.5 in (127 x 89 x 64 mm)
850 AC/DC Auto-Charger	HCAP0123	6	1500-1800	2.5A	50	N	N	N	1 year	5 x 3.5 x 2.5 in (127 x 89 x 64 mm)
900 AC/DC Auto-Charger	HCAP0125	6-7	1200-2000	2.5A	100	N	N	N	5 years	9.5 x 5.8 x 3.5 in (241 x 147 x 89 mm)
905 AC/DC Auto-Charger	HCAP0150	6-7	1200-2000	2.5A	100	N	Y	N	5 years	9.5 x 6.6 x 3.6 in (241 x 168 x 91 mm)
910 AC/DC Variable Rate Charger	HCAP0175	6-7	250-2000	0-3.5A	100	Jacks	Y	Y	5 years	9.5 x 5.8 x 3.5 in (241 x 147 x 89 mm)

HydriMax[®] ULTRA[™]

NiMH Radio Battery Packs

HydriMax Ultra NiMH (Nickel-Metal Hydride) packs are the easy way to keep power-hungry electronics satisfied.

They're about the same size and weight as comparable NiCds, but offer up to double the current-storing capacity, so you get almost twice the flying time per pack on about half as many recharges. And charging is all you need to do: since they don't have "memory" problems like NiCds, cycling is unnecessary.

All packs are assembled and ready to use, with a universal connector that makes them an easy, drop-in upgrade for Futaba[®] J, Tower Hobbies[®], Airtronics[®] Z, JR[®] and Hitec radio systems.

9.6V Transmitter Packs

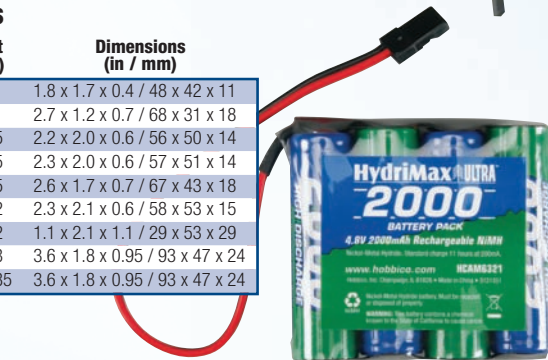
HCAM6360	1200 AA Square U
HCAM6361	1450 AA Square U
HCAM6362	1650 AA Square U
HCAM6363	1650 AA Flat U



HCAM6362

4.8V Flat Receiver Packs

		Weight (oz / g)	Dimensions (in / mm)
HCAM6301	750 AAA U	1.9 / 55	1.8 x 1.7 x 0.4 / 48 x 42 x 11
HCAM6306	1400 2/3A U	3.5 / 99	2.7 x 1.2 x 0.7 / 68 x 31 x 18
HCAM6311	1450 AA U	4.1 / 115	2.2 x 2.0 x 0.6 / 56 x 50 x 14
HCAM6313	1650 AA U	4.1 / 115	2.3 x 2.0 x 0.6 / 57 x 51 x 14
HCAM6320	2000 4/5A U	4.8 / 135	2.6 x 1.7 x 0.7 / 67 x 43 x 18
HCAM6321	2000 AA U	4.3 / 122	2.3 x 2.1 x 0.6 / 58 x 53 x 15
HCAM6322	2000 AA U	4.3 / 122	1.1 x 2.1 x 1.1 / 29 x 53 x 29
HCAM6333	3600 Sub-C U	9.6 / 273	3.6 x 1.8 x 0.95 / 93 x 47 x 24
HCAM6335	4200 Sub-C U	10.1 / 285	3.6 x 1.8 x 0.95 / 93 x 47 x 24



HCAM6321

9.6V NiCd & Charger

It's the perfect power package for Tyco, Nikko and other 9.6V R/C toys. It includes a 4x2 600mAh NiCd pack with a standard connector, and an AC wall charger that recharges it in just 2-3 hours. Buy an extra **9.6V Battery** (HCAP6005) and you can run one while the other charges!



HCAP6000

Custom Radio Cases



HCAP2000

HCAP2010

Safeguard your radios in style! Bronze-finish outer skins provide glowing good looks — extruded aluminum frames and cushioning foam prevent impacts from damaging your radio. Both pads are full-size and 1-1/2" (38 mm) thick, and can be trimmed to your radio's outline for customized protection. Hinges and latches lock tight for secure storage, but open with the turn of a key. **Single**, measuring 13.5 x 10.3 x 5.8 in. (340 x 260 x 145 mm), holds one transmitter. **Double** at 16.5 x 12.5 x 5.5 in. (420 x 320 x 140 mm), holds two wheel or stick radios.

HCAP2000 Plastic Transmitter Case
HCAP2010 Single Custom Radio Case
HCAP2110 Double Custom Radio Case

4.8V Square Receiver Packs

		Weight (oz / g)	Dimensions (in / mm)
HCAM6307	1400 2/3A U	3.5 / 99	1.4 x 1.4 x 1.2 / 35 x 35 x 31
HCAM6310	1200 AA U	3.4 / 95	1.8 x 1.1 x 1.1 / 48 x 28 x 28
HCAM6312	1450 AA U	4.1 / 115	2.9 x 1.1 x 1.1 / 51 x 28 x 28
HCAM6314	1650 AA U	4.1 / 115	2.0 x 1.1 x 1.1 / 57 x 28 x 28
HCAM6330	2000 4/5A U	4.8 / 135	1.8 x 1.3 x 1.3 / 44 x 33 x 33



HCAM6307



HCAM6355

6V Flat Receiver Packs

		Weight (oz / g)	Dimensions (in / mm)
HCAM6341	1400 2/3A U	4.3 / 123	3.4 x 1.2 x 0.7 / 85 x 31 x 18
HCAM6346	1450 AA U	5.1 / 145	2.8 x 2.0 x 0.5 / 70 x 51 x 13
HCAM6350	2000 4/5A U	6 / 170	3.3 x 1.8 x 0.7 / 84 x 45 x 18
HCAM6351	2000 AA U	5.4 / 152	2.8 x 2.1 x 0.6 / 72 x 53 x 15
HCAM6355	4200 Sub-C U	12.6 / 356	4.5 x 1.9 x 0.5 / 115 x 47 x 24

Insta-Gators

This is one of the simplest and most requested adapters ever: a pair of large alligator clips with 4 mm banana jacks built into the handles! Great for direct connections between field batteries and power panels or other electronics. Includes one red and one black clip.



HCAP0111

Parts Boxes

Clear, translucent plastic makes the part you want easy to see and fast to find. Two fixed, lengthwise dividers create 3 compartments; use adjustable dividers and you can create up to 18 compartments for sorting and storing parts. Snap-lock lid holds tight, so parts can't mix or spill if the box is tilted or dropped.

HCAR3005 7 x 4 x 1 in w/dividers (180 x 100 x 25 mm)
HCAR2015 11 x 7 x 2 in w/dividers (280 x 180 x 51 mm)
HCAR3020 14 x 9 x 2 in w/dividers (355 x 230 x 51 mm)



HCAR3005



COMMAND™ Servos

Five digital servos to choose from!

R/C's best buy for quality and value!

They're far better than "budget" servos, yet more affordable than big-name brands. Sizes range from Nano™ to giant-scale, and specialty designs include low-profile, metal-gear, high-torque/-speed models. Command *Digital* servos add to performance edge, with faster response, better centering, improved holding torque and smoother, more precise operation. Take your car, plane, boat or heli to the next level...take Command!



HCAM0316
CS-170 Digital Standard
Ultra-Torque BB Titanium Gear



HCAM0304
CS-140 Digital Standard High-Speed
Servo w/2BB & Metal Gear



HCAM0312
CS-160 Digital Standard High-Speed
High-Torque Servo w/2BB Metal Gear



HCAM0308
CS-150 Digital Standard High-Torque
Servo w/2BB & Metal Gear



HCAM0090
CS-5 High-Speed Nano™



	Stock#	Servo	Description	Dimensions (in)	Weight (oz.)	Torque (oz-in) 4.8V/6.0V	Spd (sec/60°) 4.8V/6.0V	Air Planes	Park Flyers	Sail Planes	Helis	Off-Road Electrics	On-Road Electrics	Nitro Vehicles	Power Boats	Sail Boats
DIGITAL	HCAM0300	CS-126	Digital Standard 2BB U	1.5 x 0.8 x 1.4	1.4	61 / 76	0.23 / 0.18	✓		✓	✓			✓	✓	
	HCAM0304	CS-140	Digital Std HS 2BB MG U	1.6 x 0.8 x 1.5	1.9	65 / 83	0.18 / 0.13	✓		✓	✓			✓	✓	
	HCAM0308	CS-150	Digital Std HT 2BB MG U	1.6 x 0.8 x 1.5	1.9	162 / 193	0.26 / 0.21	✓		✓	✓			✓	✓	
	HCAM0312	CS-160	Digital Std HT HS 2BB MG U	1.6 x 0.8 x 1.5	2.1	110 / 131	0.17 / 0.14	✓		✓	✓			✓	✓	
	HCAM0316	CS-170	Digital Std UT 2BB TG U	1.6 x 0.8 x 1.5	2.2	250 / 333	0.19 / 0.15	✓		✓	✓			✓	✓	
ANALOG	HCAM0090	CS-5	High-Speed Nano U	0.9 x 0.4 x 0.8	0.34	17 / 21	0.11 / 0.09	✓	✓	✓						
	HCAM0110	CS-12	High-Speed Micro U	1.2 x 0.5 x 1.1	0.62	35 / 40	0.11 / 0.09	✓	✓	✓			✓			
	HCAM0111	CS-12MG	High-Speed Micro MG U	1.2 x 0.5 x 1.1	0.67	36 / 42	0.11 / 0.09	✓	✓	✓	✓		✓			✓
	HCAM0120	CS-35	High-Power Mini BB U	1.3 x 0.7 x 1.2	0.95	55 / 66	0.14 / 0.11	✓	✓	✓	✓					✓
	HCAM0121	CS-35MG	High-Power Mini BB MG U	1.3 x 0.7 x 1.2	1.1	55 / 67	0.14 / 0.09	✓	✓	✓	✓					✓
	HCAM0130	CS-55	Deluxe Standard U	1.6 x 0.8 x 1.4	1.6	43 / 52	0.20 / 0.17	✓		✓	✓	✓	✓	✓	✓	✓
	HCAM0140	CS-59	Low Profile Aileron BB U	1.7 x 0.9 x 1.0	1.2	61 / 76	0.18 / 0.14	✓		✓	✓	✓	✓	✓	✓	✓
	HCAM0149	CS-60	Standard Sport U	1.6 x 0.8 x 1.4	1.6	42 / 49	0.19 / 0.16	✓		✓	✓	✓	✓	✓	✓	✓
	HCAM0160	CS-63	Low Profile Retract BB U	1.7 x 0.9 x 1.0	1.2	91 / 110	0.50* / 0.40*	✓			✓	✓		✓	✓	
	HCAM0165	CS-64	Std High-Torque 2BB U	1.6 x 0.8 x 1.5	1.8	69 / 83	0.18 / 0.15	✓		✓	✓	✓	✓	✓	✓	✓
	HCAM0180	CS-67	Standard 2BB U	1.6 x 0.8 x 1.4	1.6	43 / 52	0.20 / 0.17	✓		✓				✓	✓	
	HCAM0191	CS-70MG	Super Torque 2BB MG U	1.6 x 0.8 x 1.5	2.1	107 / 133	0.24 / 0.20	✓		✓				✓	✓	
	HCAM0205	CS-73	1/4 Scale 2BB U	2.3 x 1.1 x 2.0	3.9	153 / 181	0.28 / 0.23	✓						✓	✓	
	HCAM0210	CS-80	Giant Scale 2BB U	2.6 x 1.2 x 1.3	5.4	275 / 343	0.19 / 0.14	✓						✓	✓	

* = 180° rotation; non-proportional

Legend: BB = ball bearing; 2BB = dual ball bearings; HS = High Speed; HT = High Torque; MG = Metal Gear; TG = Titanium Gear; U = Universal Connector; UT = Ultra Torque

Heavy-Duty Radio Accessories

HCAM2700	6 in Extension JR, Hit, Air Z	HCAM2730	Servo Lead JR, Hit, Air Z
HCAM2701	6 in Extension Futaba® J	HCAM2731	Servo Lead Futaba J
HCAM2710	12 in Extension JR, Hit, Air Z	HCAM2740	Female Servo Lead JR, Hit, Air Z
HCAM2711	12 in Extension Futaba J	HCAM2741	Female Servo Lead Futaba J
HCAM2720	24 in Extension JR, Hit, Air Z	HCAM2750	Y-Harness JR, Hit, Air Z
HCAM2721	24 in Extension Futaba J	HCAM2751	Y-Harness Futaba J
HCAM2725	36 in Extension JR, Hit, Air Z	HCAM2760	Switch Harness JR, Hit, Air Z
HCAM2726	36 in Extension Futaba J	HCAM2761	Switch Harness Futaba J

Command™ Servo Accessories

HCAM2000	6" Extension-Futaba® J	HCAM2300	Servo/Battery Lead-Futaba J
HCAM2005	6" Extension-Fut J (10)	HCAM2305	Servo/Battery Lead-Fut J (10)
HCAM2030	6" Extension-JR®/Hitec®	HCAM2330	Servo/Battery Lead-JR/Hitec
HCAM2100	12" Extension-Futaba J	HCAM2400	Switch w/Charge Plug-Futaba J
HCAM2105	12" Extension-Fut J (10)	HCAM2420	Switch w/Charge Plug-Airtronics
HCAM2130	12" Extension-JR/Hitec	HCAM2430	Switch w/Charge Plug-JR/Hitec
HCAM2200	24" Extension-Futaba J	HCAM2500	Y-Harness-Futaba J
HCAM2205	24" Extension-Fut J (10)	HCAM2520	Y-Harness-Airtronics
HCAM2230	24" Extension-JR/Hitec	HCAM2530	Y-Harness-JR/Hitec



Workshop Tools

2-in-1 Wire Cutter/Strippers

Cut AND strip with the same tool! One end is a wire cutter...the other, a stripper that self-adjusts to wire size (14-26 gauge for **Small**, 14-10 gauge for **Large**). Both have hardened, stainless-steel cutting jaws and work with stranded or solid-core wire.

HCAR0635 Small
HCAR0636 Large



HCAR0635

Ball Tip Hex L-Wrench Sets

Sets feature hardened ends for durability and an "L" shape for easy access and turning torque. Ball ends engage fully, even at up to 25° entry angles. **8-Piece Standard Set** includes 1/2", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64" and 5/32" tools. **7-Piece Metric Set** includes 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm and 6 mm sizes. Both sets come in a plastic case.

HCAR0520 8-Piece SAE
HCAR0521 7-Piece Metric



HCAR0520

40-Piece Socket & Bit Set

40-Piece Set includes 7 popular metric and SAE sockets, plus 24 screwdriver bits, one-way ratchet wrench and adapter. Convenient plastic case.



HCAR0513

Hobby Heat™ Butane Torches

They're great for soldering, brazing and wherever a 2400° F (1300° C) flame is needed. Both feature easy, push-button ignition and a child-resistant safety lock. All they need is a fill of butane lighter fuel, and they're ready to go. **Micro Torch II** (shown) provides a focused, pinpoint flame. Flame length and focus on **Pro Torch II** can be adjusted for intense, pinpoint heat or warming large areas. It includes a solder tip for greater versatility, and a removable stand that keeps it upright and handy on the bench.

HCAR0755 Hobby Heat Micro Torch II
HCAR0751 Hobby Heat Refillable Cartridge - Micro Torch II
HCAR0765 Pro Torch II



HCAR0755

Heavy-Duty Diagonal Cutters

Heavy-Duty Diagonal Cutters

Forged from chrome alloy steel — with an induction-hardened cutting edge that's ideal for smooth, easy trimming of pushrods, music wire and braided cable.



HCAR0627

Curved-Tip Canopy Scissors

Use to trim everything from car bodies to heli windshields. Cut without cracking or tearing on virtually any type of plastic.



HCAR0667

Secure Grip Pliers

Red (soft) and black (Hard) rubber jaw covers help Secure Grip Pliers hold shock shafts, control linkages and more without damaging surfaces. Cushioned grips and high-tensile tool steel construction add comfort and durability. Replacement **Jaw Covers** (HCAR0641) also available.



HCAR0640

5" Diagonal Cutters

Angled, tapering jaws reach into cramped corners and cut electrical wire, thin metals and plastic parts with virtually no pinching or burring.



HCAR0630

6" Long Nose Pliers

Serrated jaws provide a firm grip for bending, stripping and cutting wire or holding small parts. Forged from chrome alloy steel, with an induction-hardened cutting edge.



HCAR0625

Z-Bend Pliers

Make perfect 90° Z-bends in any wire up to 1/16" diameter.



HCAR2000

Deluxe Heat Gun & Custom Sealing Iron

Get professional results with iron-on covering! Tack and seal using the **Custom Sealing Iron** with non-stick shoe and wooden handle. Includes a metal safety stand. The **Deluxe Heat Gun** has a heavy-duty motor, removable wide nozzle, 3-position (Hot/Cool/Off) switch and adjustable air intake baffle. It weighs only 15 ounces — yet packs 1000 watts of heat-shrinking power!

HCAR8000 Custom Sealing Iron
HCAR7000 Deluxe Heat Gun



HCAR8000



Soldering Irons & Tips

All tools have a fast-heating mica heating unit for years of dependable 110V use and a table stand for easy use. Anti-roll handle is heat- and impact-resistant and ribbed for fingertip control. **Hot Knife w/Solder Tip** includes #11 blade for cutting foam and **Soldering Irons** include two tips: conical for the 30W, flat chisel for the 60W. Replacement tips available.

HCAR0770 Hot Knife w/Solder Tip — 25 Watt
HCAR0775 30W Soldering Iron
HCAR0776 60W Soldering Iron
HCAR0777 30W Replacement Tips (3)
HCAR0778 60W Replacement Tips (3)



HCAR0770



More handy hobby tools!

Blades

Cut with confidence, economy and surgical sharpness! **Single Edge Blades** feature a steel-reinforced backbone for strength. Points on hardened, carbon steel **#11** or **#2** blades ease cutting in hard-to-reach places. **Hobby Knife Blade Assortment** includes two #11 blades, plus one each of #17 Chisel, #10 General Purpose and #1 Scoring Blade, all in a plastic storage tube.



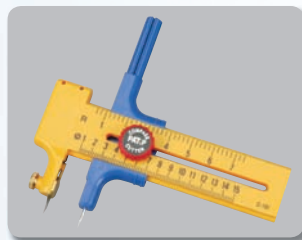
HCAR0214

- HCAR0136 Mini Knife Replacement Blades
- HCAR0211 #11 (5)
- HCAR0212 Single-Edge (10)
- HCAR0214 Blade Assortment (5)
- HCAR0215 #2 (5)
- HCAR0220 #11 Blades w/Dispenser (15)
- HCAR0311 #11 (100)
- HCAR0312 Single-Edge (100)

Circle Cutter

Makes cutting perfect circles as easy as using a compass! The stylus goes at the center. The blade holder adjusts to cut circles from 0.4-5.9" (10-150 mm) in diameter in paper, thin plastic, Lexan®, card stock, film, photos, masking material and more. Comes with a blade installed, but also includes six extra blades and two pencil leads.

Replacement Blades (HCAR0231) includes 6 blades and two leads.



HCAR0230

Hobby/Craft Knife Set

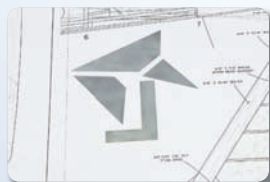
No single tool can handle all jobs, and that's why this handy set includes a useful variety of handles and blades. A compact wooden case makes it portable. Three handles (Standard, Heavy-duty and Multi-purpose) help you get a grip on most jobs. Add an assortment of thirteen blades and it's the answer to most cutting and shaping needs.



HCAR0350

Builder's Metal Template Set

Includes an "L" for square checks; small 30°-60°-90° triangle; and two large triangles (one 30°-60°-90°, one 45°) with cutouts at the 90° corner for angle checks at fuselage sides.



HCAR0500

Rotary Tool Bit Holder

This caddy's compact 5- by 8-hole pattern holds up to 40 bits with 1/8" (3 mm) shanks. Its tough molded plastic material stands up to workbench wear.



HCAR0695
Bits not included

Hobby Knives

Multi-Purpose and **Hobby/Craft Knife** reduce hand fatigue with lightweight plastic handles. All other knives, including cushioned **Deluxe**, feature super-strong metal handles. All knives feature a secure, 4-jaw chuck and come with safety cap and one blade.

- HCAR0100 Standard #1
- HCAR0105 Deluxe Grip-on
- HCAR0109 Mini
- HCAR0110 Heavy Duty #2
- HCAR0115 Multi-Purpose #5
- HCAR0130 Hobby/Craft Knife



HCAR0115 HCAR0110 HCAR0105 HCAR0100

Razor Saws

Use the **Mitre Box Set** to make precise 45° and 90° cuts up to 7/8" deep; box holds materials from 1/16" to 1-1/4" wide. The **Razor Saw Set** features knife handle and 1" deep 42T/in and 1-1/4" deep 54T/in razor saw blades. **Extra Fine Razor Saw Set** includes handle and 1-1/4" deep/54T saw blade.



HCAR0240

- HCAR0240 Mitre Box Set w/Handle & Blade
- HCAR0241 XFine Razor Saw Set w/Handle & Blade
- HCAR0245 Aluminum Mitre Box
- HCAR0250 Razor Saw Set w/Handle & Blades

- HCAR0260 Razor Saw Blade 1-1/4"D 54T/in
- HCAR0262 Razor Saw Blade 3/4"D 42T/in
- HCAR0264 Razor Saw Blade 1"D 42T/in
- HCAR0266 Razor Saw Blade 1-1/4"D 24T/in

Hobby Woodcarving Set

To develop the feel for woodcarving, you need the right tools, and this set brings them all together. The multi-purpose knife handle provides the grip and comfort for hours of easy use. A selection of 6 blades, 5 gouges and 4 routers helps you turn inspiration into reality. A compact wooden case lets you take it anywhere.

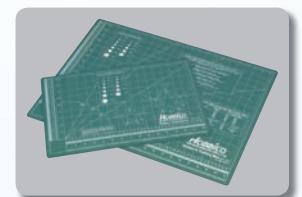


HCAR0360

Builder's Cutting Mats

Reversible, self-healing mats feature standard and metric measures; angle guides; star templates; and sizing charts for wood and dowels, all on a background grid of 1" squares. **18 x 24"** adds an airplane specification chart, and a table with bolt, screw, drill and tap sizes.

24 x 36" also includes a larger star template and SAE/Metric conversion chart. **Mat w/Hobby Knife** includes a Standard Knife Handle with #11 blade and safety cap.



- HCAR0443 9 x 12" (228 mm x 305 mm) w/#1 Hobby Knife
- HCAR0453 9 x 12" (228 mm x 305 mm)
- HCAR0454 12 x 18" (305 mm x 457 mm)
- HCAR0455 18 x 24" (457 mm x 607 mm)
- HCAR0456 24 x 36" (607 mm x 914 mm)

Building Tools

Stainless steel **18" (457 mm) Ruler** bends to measure around curves. Features inch measurements in 1/64" increments on both sides.



HCAR0460

Cork back on aluminum **36" (914 mm) Ruler** prevents slipping and protects covering and tissue. 2" (51 mm) wide, with inch/metric markings.



HCAR0465

Narrow, **48" (1.22 m) Bench Ruler** has an adhesive back for easy workbench mounting and hands-free measuring. Inch/metric markings.



HCAR0478

Fabric Tape Measure extends to 60" (1.52 m) for inch/metric measurements and retracts to reduce clutter. Metal hook at front attaches for easy measuring.

Multi-Angle Hobby Vise

C-Clamp mounts on surfaces up to 2" (51 mm) thick. Ball-joint head can be repositioned and locked at any angle. Jaws hold work up to 2" thick, and feature protective, removable rubber covers.



HCAR0680

Drills

Servo Horn Drill creates perfect holes for Z-bend wire and clevis pins in seconds. Includes tool and #48 bit. Handles on **Quick Drill Set** are size-stamped and color coded. Includes 1/16", 5/64", 3/32", 1/8" and 3/16" (1.6 mm, 2.0 mm, 2.4 mm, 3.2 mm and 4.8 mm) bits in a see-through plastic pouch.



HCAR0698



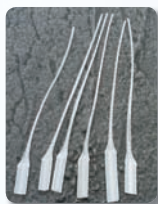
HCAR0699

HCAR0698 Servo Horn Drill

HCAR0699 Quick Drill Set

CA Applicator Tips

Attaches to CA bottles with push-fit ease. Extra-long, small-diameter extension offers pinpoint accuracy, even in hard-to-reach areas. 6/package.



HCAR3780

HobbyLite™ Filler

Ideal for hiding imperfections and filling low spots in wood, foam and fiberglass. Spreads easily and dries quickly to a hard, sandable surface perfect for painting or covering. 8 fl. oz. (237 ml)



HCAR3400 White

HCAR3401 Balsa Colored

Puzzle Glue

Transforms puzzles into artwork suitable for framing. Applies with the brush built into the cap — and dries in about 2 hours. One jar does a 500-piece puzzle. Non-toxic. 4 fl. oz. (118 ml).



HCAR3500

Multi-purpose 6" (152 mm) **Builder's Ruler** has inch/metric scales, plus a protractor; balsa thickness gauge; dowel diameter gauge and more.



HCAR0482

Builder's Triangle Set includes one 30/60° and one 45° triangle that interlock for squaring in 2 dimensions. Inch/metric scales, thickness gauge.



HCAR0480

Made of 1/8" (3-mil) plastic, the 180° **Builder's Protractor** is marked in 1° increments — ideal for measuring down/right thrust on airplanes or setting camber, caster or toe-in on cars & trucks!



HCAR0490

12 cc Hobby Syringe

Great for building, lubrication and fueling, Hobby Syringe holds up to 0.4 fl. oz (12 cc) of oil, grease, fuel or adhesive. Rubber seal helps prevent leaks. Curved tip extends into tiny, hard-to-reach places and can be trimmed back for dispensing thicker materials.



HCAR3785

Pin Vises

Pen-sized Pin Vises include collet, pocket clip, bits and a knurled, hollow aluminum barrel for storage. HCAR0696 includes bit sizes #52-80 (0.025-0.050"). HCAR0697 includes bit sizes #48, 51 & 53 (0.060-0.075")



HCAR0696

HCAR0696 1/16" Collet w/6 bits

HCAR0697 1/8" Collet w/3 bits

Model Maker™ Plastic CA

Formulated to bond tight to clear plastic with minimum fogging and crazing. Spraying on **CA Activator** speeds cure times of both **Thin** and **Medium** CAs.

HCAR3415 Thin 1/2 fl oz (15 ml)

HCAR3417 Medium 1/2 fl oz (15 ml)

HCAR3419 Activator Pump Spray 2 fl oz (59 ml)



Master Mask™ Liquid Masking Film

Applies easier than tape AND protects better against bleeding. Covers in a single coat. Spray or brush on, and let dry. Trim with a hobby knife and peel waste away to create designs with clean, razor-sharp lines. 3 fl. oz. (89 ml)



HCAR3410



Airbrushes, Compressors & Accessories

At Model Maker, our goal is to make professional-looking results more affordable. We start with top-quality materials, and end up with tools that offer the fit and finish only tight tolerances and precision manufacturing can produce. Seven models and a wide array of accessories make sure there's a Model Maker product for every home and hobby need.

DA450 Pro Airbrush Kit (HCAR4014)

Type: internal-mix, bottom-feed

Features: all-metal tailpiece, adjustable external needle stop & 0.3 mm needle

Applications: t-shirt & fabric designs, fine art, models, taxidermy & custom auto painting

Requires: 15-30 psi

DA500 Pro Paint Gun Kit (HCAR4016)

Type: internal-mix, side-feed

Features: pistol-grip design; die-cast and chrome-plated brass parts, adjustable external needle stop & 0.3 mm needle

Applications: large-area coverage - auto painting, scenery, murals & renderings

Requires: 15-30 psi

DA400 Pro Airbrush Kits (HCAR4012, HCAR4013)

Type: internal-mix, side-feed

Both feature: all-metal tailpiece & 0.3 mm needle.

HCAR4013 also includes: 0.2 mm & 0.5 mm needles

Applications: model detailing, illustrations & photo retouching

Both require: 15-30 psi

HB100 Hobby Airbrush Kit (HCAR4000)

SA200 Airbrush Kit (HCAR4005)

SA200 Airbrush Kit w/Propellant (HCAR4007)

Type: external-mix, bottom-feed

Features: high-impact nylon construction & adjustable 3/4"-2" spray pattern

Applications: stenciling, stippling, base coats, touch ups, ceramics and auto painting & all school, home or workshop projects

Require: airbrush propellant (except HCAR4007)



HCAR4014



HCAR4016



HCAR4012



HCAR4013



HCAR4007



HCAR4000

		<div>Acrylics</div> <div>Airbrush Paints</div> <div>Auto Paints</div> <div>Dyes & Inks</div> <div>Enamels</div> <div>Fabric Colors</div> <div>Gesso</div> <div>Gouaches</div> <div>Varnish</div> <div>22 cc Jar</div> <div>50 cc Jar</div> <div>Jar Adapter</div> <div>5 cc Paint Cup</div> <div>9 cc Paint Cup</div> <div>22 cc Paint Cup</div> <div>Braided Air Hose</div> <div>Vinyl Air Hose</div> <div>Hose Adapter</div> <div>Can Adapter</div> <div>Wrench</div> <div>100 cc Plastic Bottle</div> <div>Deluxe Airbrush Station</div> <div>Molded Case</div>																							
DA400	HCAR4012	X	X	-	X	-	-	-	X	-	-	-	-	-	X	-	-	-	X	-	X	-	-	-	
DA400 Utility	HCAR4013	X	X	-	X	-	-	-	X	-	4	-	-	-	X	-	X	-	X	-	X	X	X	X	
DA450	HCAR4014	X	X	-	X	X	X	-	X	-	2	X	X	X	-	-	X	-	X	-	X	-	X	-	
DA500	HCAR4016	X	-	X	-	-	-	X	-	X	-	-	-	-	-	X	-	X	X	X	X	-	-	-	
HB0100	HCAR4000	X	-	X	X	X	-	-	-	-	X	-	-	-	-	-	-	X	X	X	-	-	-	-	
SA200	HCAR4005	X	-	X	X	X	-	-	-	-	X	-	X	-	-	-	-	X	X	X	X	-	-	-	
SA200 Prop	HCAR4007	X	-	X	X	X	-	-	-	-	X	-	X	-	-	-	-	X	X	X	X	-	-	-	

Model CP101 & CP101A Mini Air Compressors

- Diaphragm-type compressors are compact, quiet and virtually maintenance-free
- 1/8 hp, 110V/1A motors deliver 0.90 cfm (25L/min)
- 50psi (345kP) output easily meets the requirements of airbrushes and paint guns from Model Maker and most other manufacturers
- Features sturdy cast-aluminum construction, cushioned handles, ON/OFF switch, 68" (1.7 m) power cord and sealed, oil-less bearings on moving parts
- Available alone or with a regulator that combines a filter and water trap
- Regulator is also sold separately



Model CP101A

- HCAR4050** CP101 Mini Air Compressor
HCAR4051 CP101A Mini Air Compressor w/Regulator
HCAR4027 Regulator

Deluxe Airbrush Station

- Clamps to a workbench or table
- Holds up to 4 airbrushes
- Top holder swivels to keep airbrushes balanced
- Includes a mounting bracket for air regulator



HCAR4025

Airbrushes not included.

Airbrush Accessories

- Ozone-safe propellant lets you airbrush almost anywhere — even where there's no electricity
- Weighs just 9.5 oz
- Compatible with most airbrushes

- HCAR4101** Hose Adapter 5 mm to 1/4"
HCAR4102 Tire Valve Adapter
HCAR4103 Hose Adapter 5 mm to 1/8"
HCAR4104 Hose Adapter 1/8" Barbed
HCAR4105 Adapter 1/8" to 5 mm
HCAR4106 Adapter 1/8" to 1/8"
HCAR4107 Adapter 1/8" to 1/4"
HCAR4111 Vinyl Hose 5 mm x 6'
HCAR4112 Vinyl Hose Large 1/8" x 8.5'
HCAR4114 Braided Hose 1/8" x 1/8" x 6'
HCAR4115 Braided Hose 1/8" x 5 mm x 6'
HCAR4117 Propellant Can Regulator
HCAR4120 Glass Jar w/Lid 3/4 oz (22 cc)
HCAR4124 Glass Jar w/Lid 2 oz (50 cc)
HCAR4126 Metal Paint Cup 5 cc
HCAR4140 Airbrush Cleaner 3.4 oz



HCAR4020

Finishing Touches

High-quality adhesives and abrasives

Micro-Mesh® Abrasive Sheets & Pads

Unlike the fixed abrasive particles in sandpaper, the abrasive crystals in these pads and sheets "float" on a flexible pad and level out under pressure so all cutting surfaces are level. The result is less scratching and more progress toward a fine, finished surface.

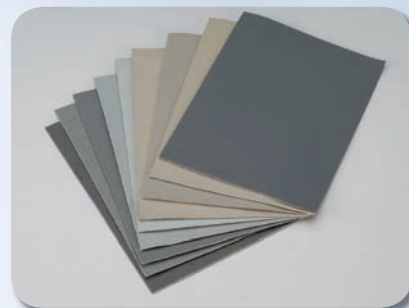
- For minor repairs and polishing of painted, clear acrylic or styrene surfaces
- Use wet or dry
- Pads and sheets are available as single sheets or in 6-piece variety packs

3" x 4" Abrasive Sheets

- HCAR3471** 1500G
HCAR3472 1800G
HCAR3473 2400G
HCAR3474 3200G
HCAR3475 3600G
HCAR3476 4000G
HCAR3477 6000G
HCAR3478 8000G
HCAR3479 12000G
HCAR3480 Variety Pack (6)

2" x 2" Abrasive Pads

- HCAR3491** 1500G
HCAR3492 1800G
HCAR3493 2400G
HCAR3494 3200G
HCAR3495 3600G
HCAR3496 4000G
HCAR3497 12000G
HCAR3498 Variety Pack (6)



Micro-Mesh 3" x 4" Abrasive Sheets

Flexible Sanding Sticks

- 5-3/4" x 5/8" (145 mm x 16 mm) sticks can be cut and reshaped for hard-to-reach areas
- Grits for everything from rough shaping to fine polishing
- Can be used wet or dry
- Grits on **3-Way** stick shape, buff and polish
- **Sanding Set** includes Coarse through Extra Fine sticks, plus 3-Way

- HCAR3450** 3-Way
HCAR3451 Coarse
HCAR3452 Medium
HCAR3453 Fine
HCAR3454 Extra Fine
HCAR3455 Super Fine
HCAR3460 Sanding Stick Set



Micro-Mesh Polishing Kit

Compact, all-in-one systems includes:

- 1 each of 6 abrasive sheets (HCAR3474-3479)
- 2" x 3" Foam Sanding Block
- Flannel Cloth
- 1/4 oz of Micro-Gloss® Liquid Abrasive



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www.hobbicotoy.com

